



PEPFAR

U.S. President's Emergency Plan for AIDS Relief

Strategies to Close the Gap in the 1st 95

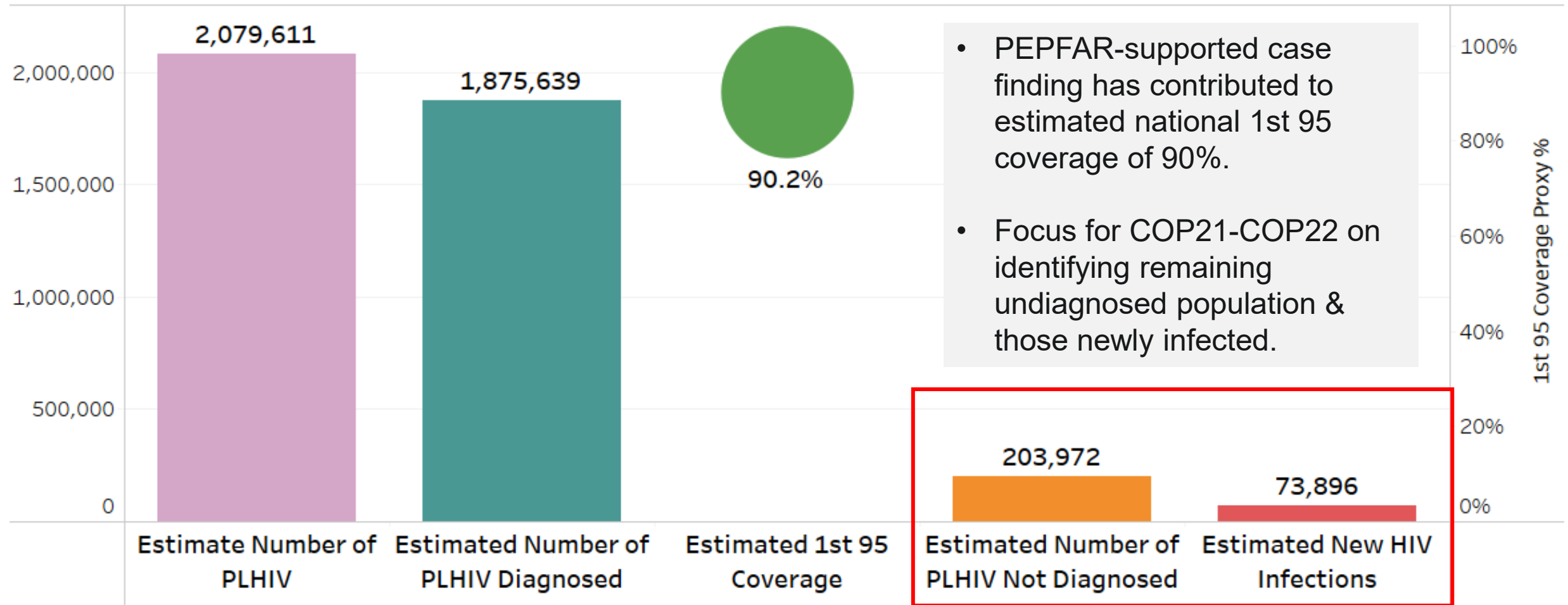
PEPFAR Mozambique | March 8, 2022

Presenters: Inacio Malimane Backup: Nely Honwana

19 YEARS OF SAVING LIVES THROUGH AMERICAN GENEROSITY AND PARTNERSHIPS

1st 95 Gaps Analysis: Targeting Undiagnosed PLHIV in Mozambique

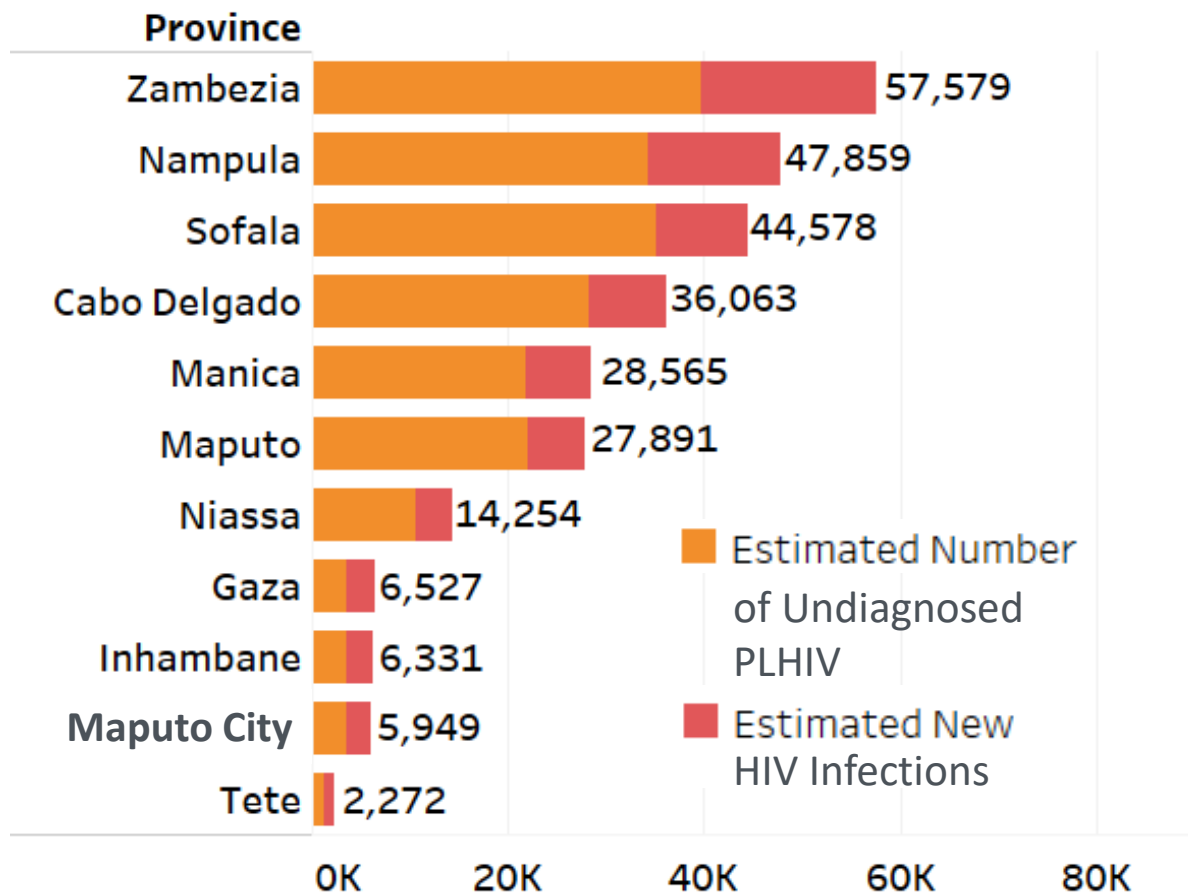
Total Number of Estimated PLHIV, Number and Share Diagnosed, Number of PLHIV Not Diagnosed, and Number of New Infections in Mozambique.



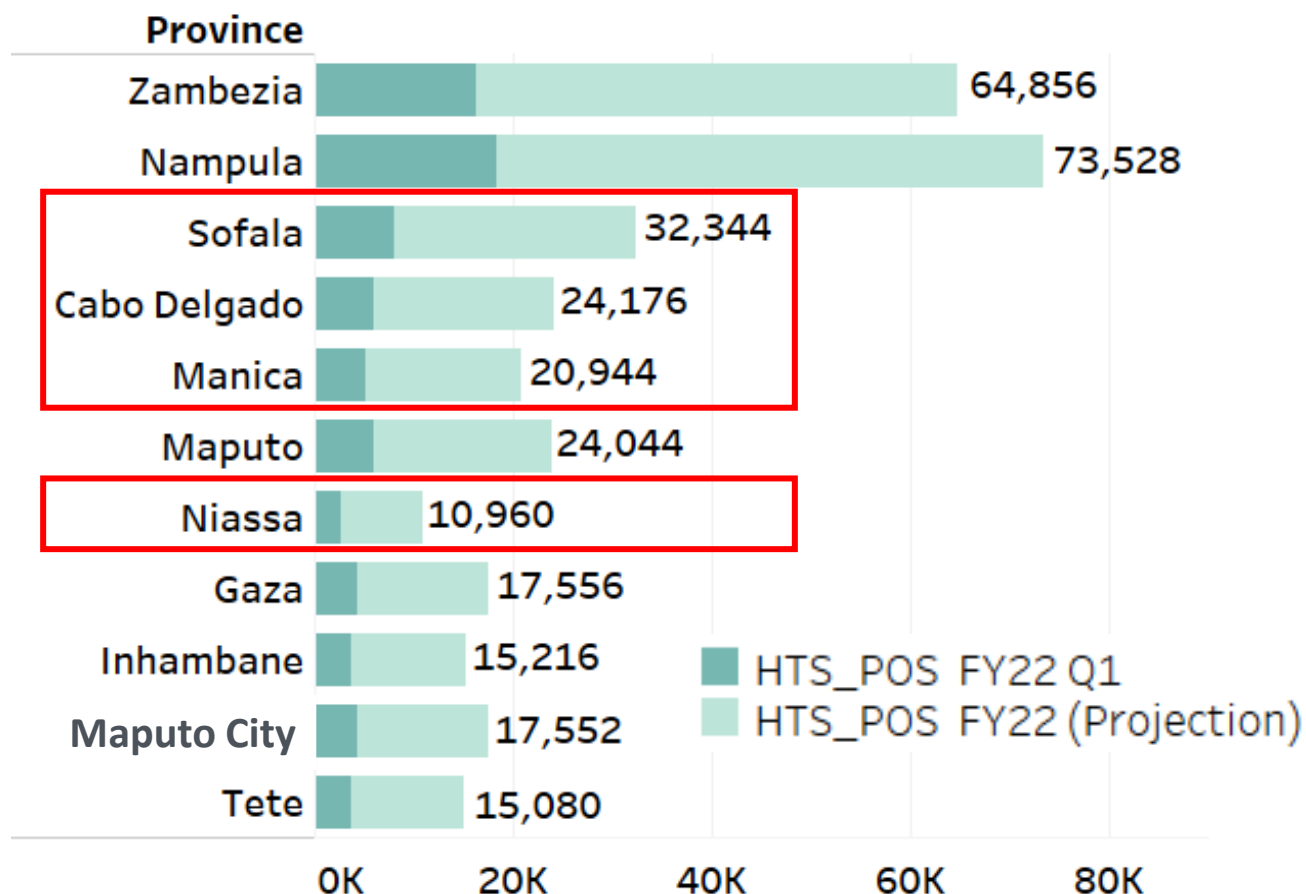
Source: Spectrum v6.14 with Naomi Sept 2022

1st 95 Gaps Analysis: Where Are We Not Closing The Gap?

Total Number of Estimated Undiagnosed PLHIV, & Number of New Infections, by Province



Total Number of New Positives Identified in FY22 Q1, and Projection Through FY22 Q4, by Province

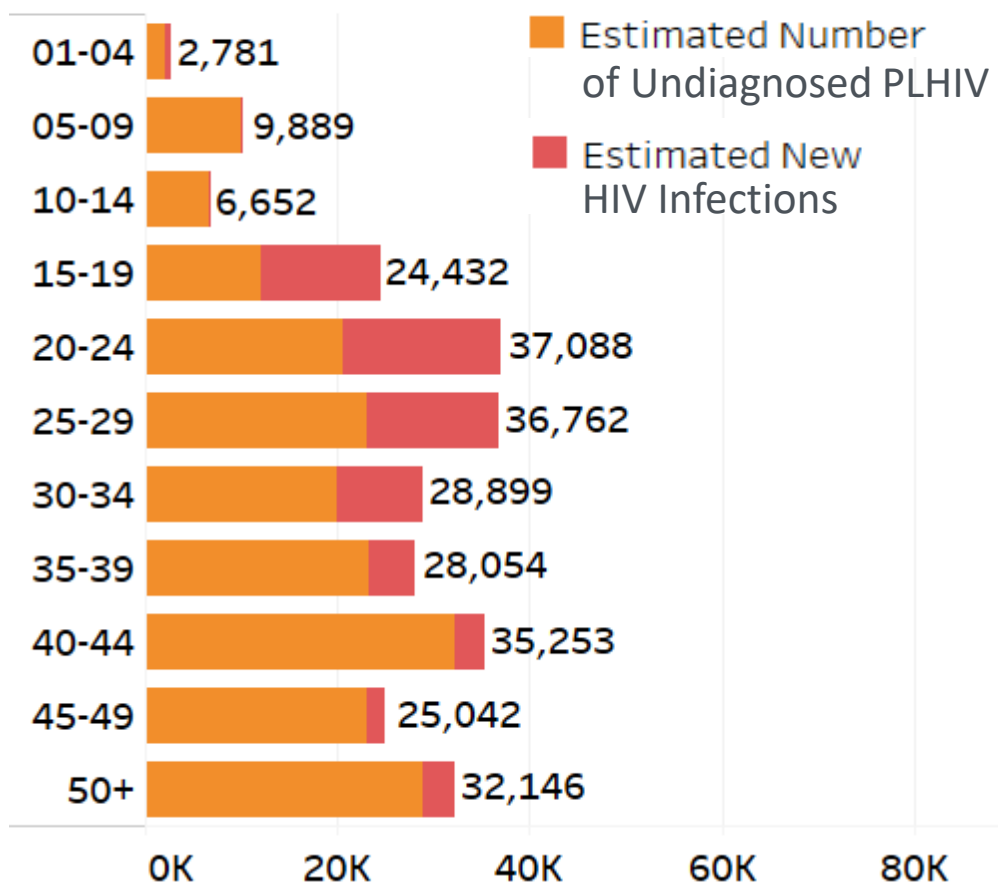


Source: Spectrum v6.14 with Naomi Sept 2022

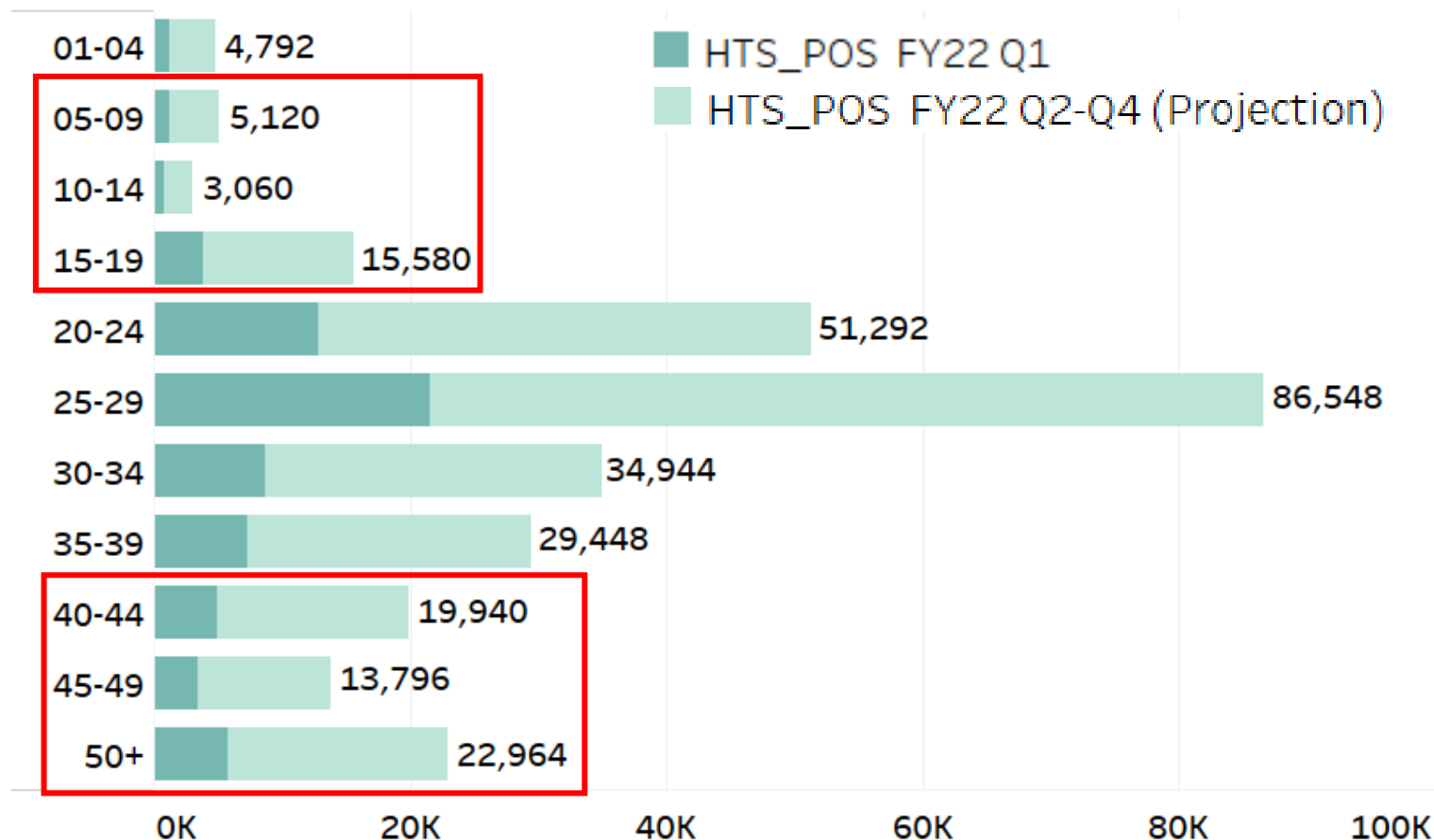
- Case finding in FY22 is on track to close estimated 1st 95 gaps in most provinces
- Clear need to accelerate case finding in Sofala, Cabo Delgado, Manica, & Niassa (Maputo City*)

1st 95 Gaps Analysis: In What Age Groups Are We Not Closing The Gap?

Total Number of Estimated Undiagnosed PLHIV, & Number of New Infections, by Age



Total Number of New Positives Identified in FY22 Q1, and Projection Through FY22 Q4, by Age

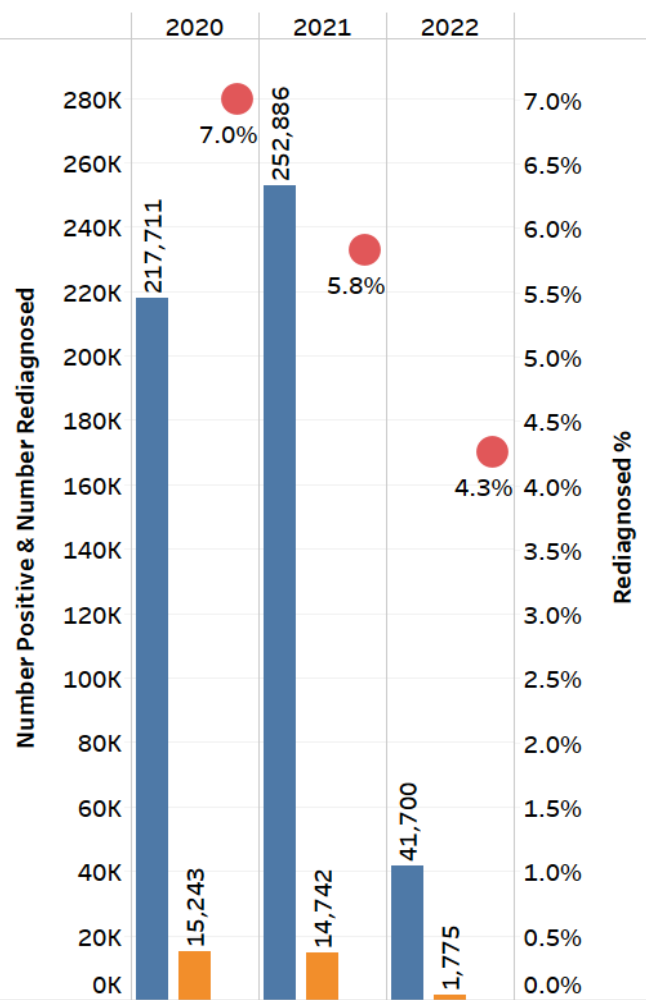


Source: Spectrum v6.14 with Naomi Sept 2022

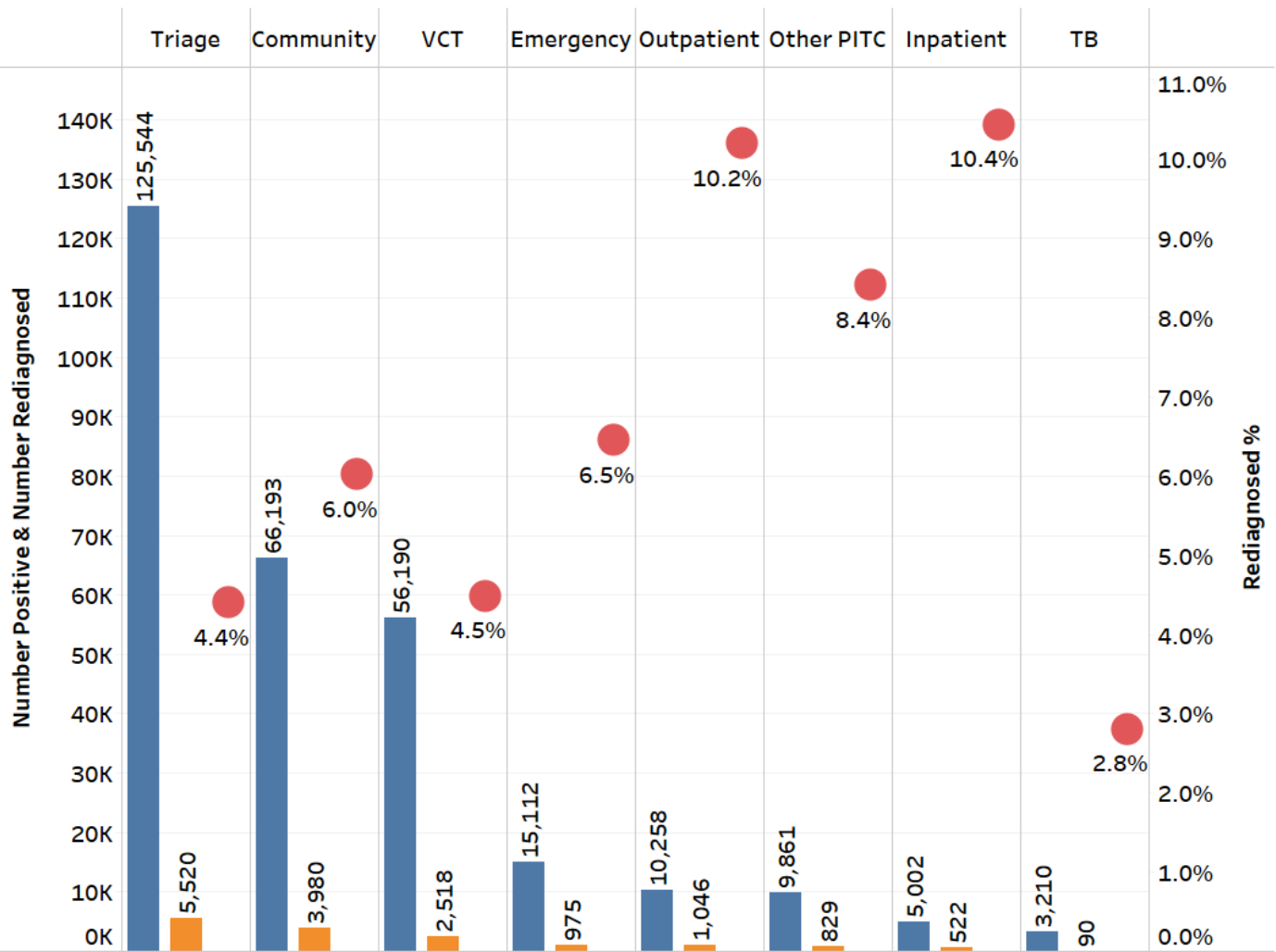
- Clear need to accelerate case finding among children and adolescents aged 5-19
- Clear projected gap among older (and previously undiagnosed) adults aged 40+

Detection of Re-Diagnosed Positives Shows Limited & Declining Numbers

Number of Newly Diagnosed Positives, Number and Share (%) Rediagnosed as Positive, CY 2020-2022 (January)



Number of Newly Diagnosed Positives, Number and Share (%) Rediagnosed as Positive, CY 2021-2022 (January)

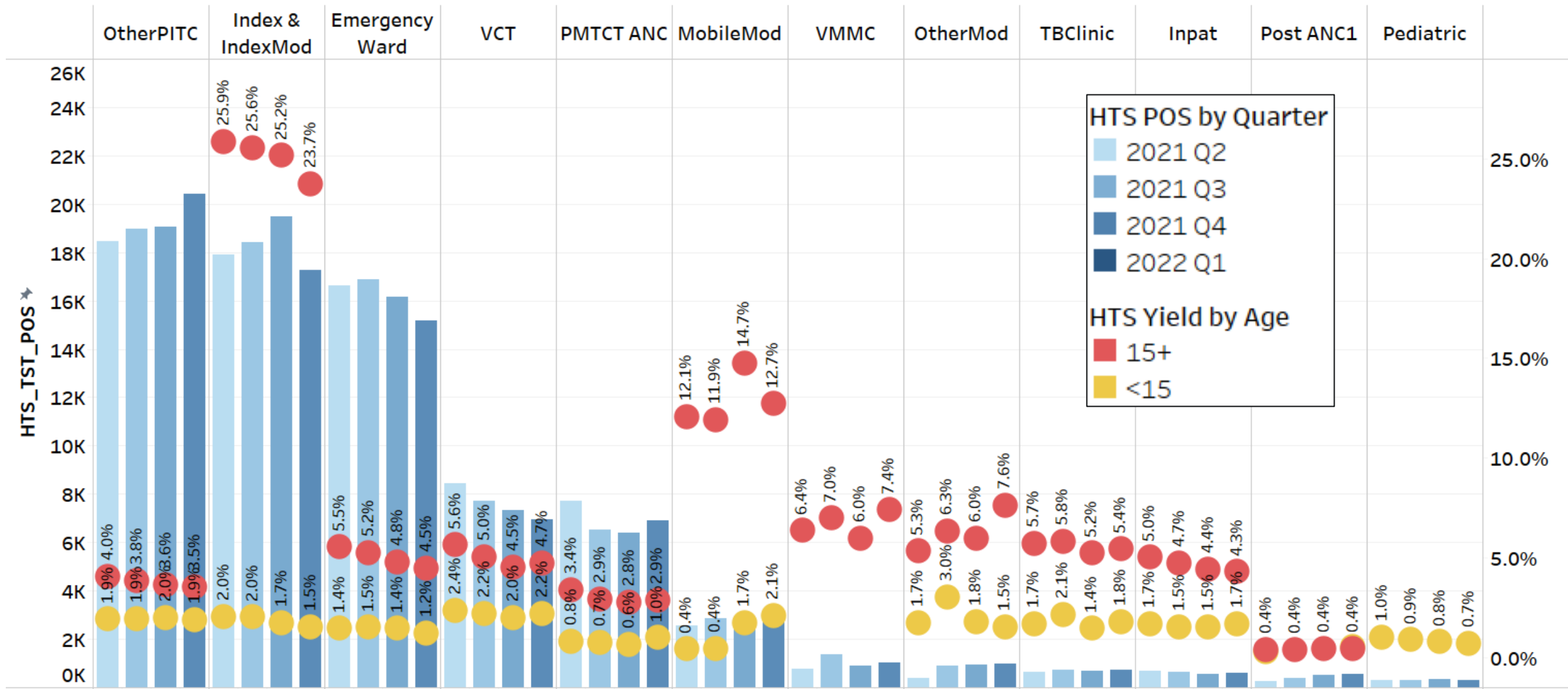


■ HTS POS
■ Rediagnosed
■ Rediagnosed %

- Overall number and share of re-diagnosed positives is declining, from **7%** in 2020 to **4.3%** in 2022
- Higher rates of retesting within outpatient, inpatient, and PITC modalities
- PEPFAR IPs instructed to deduplicate before reporting to MER
- Retesting data not captured in MCH

1st 95 Gaps Analysis: Adult Testing Yields Declining in Most Modalities

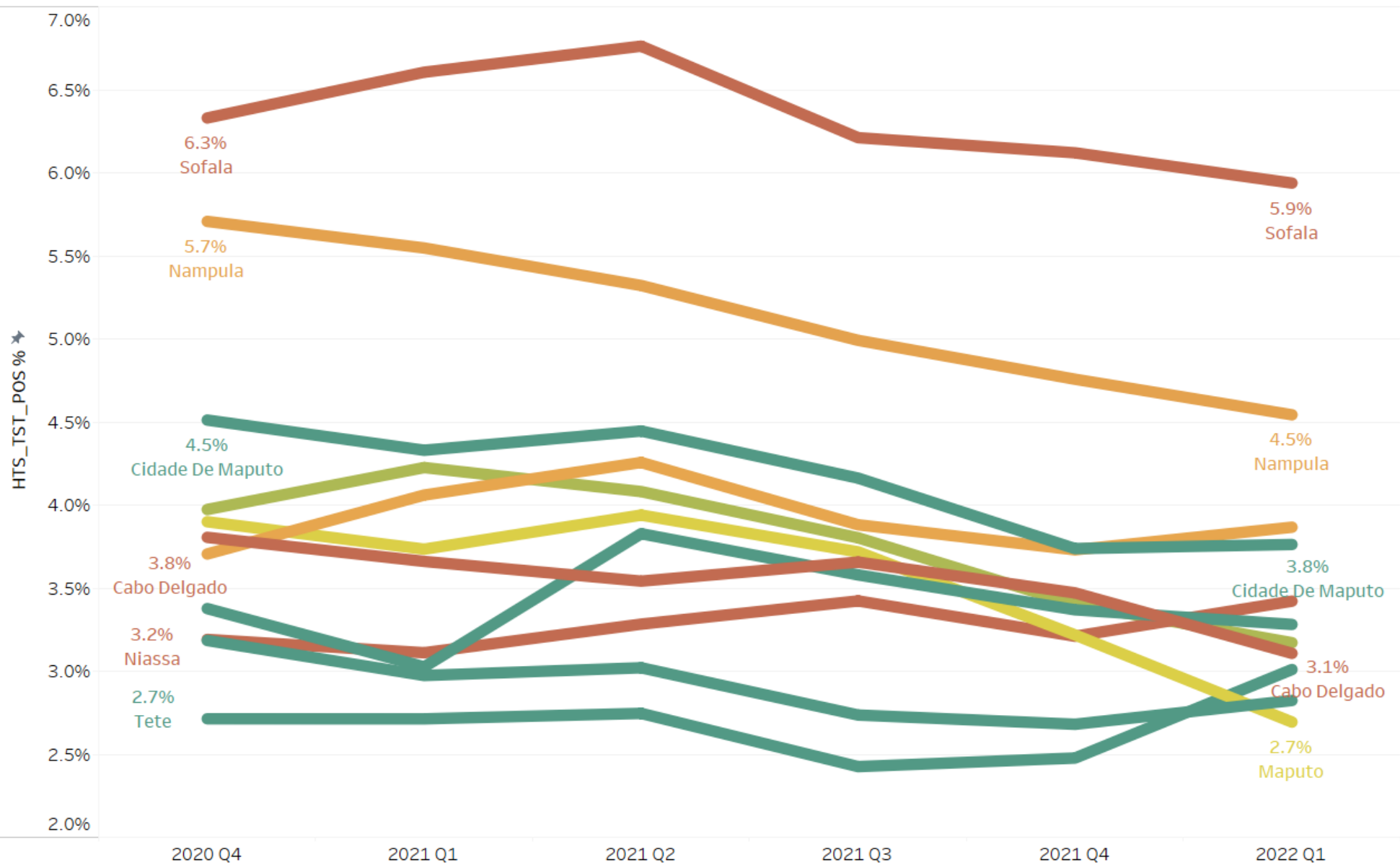
Number of New Positives Identified, and HIV Testing Yield, by Modality, by Quarter, FY21 Q1-FY22 Q1



• Despite more targeted testing, declining adult yields in most modalities an indication of proximity to 1st 95

1st 95 Gaps Analysis: Where Are We Not Closing The Gap?

HIV Testing Yield (All Modalities), With Color-Coded 1st 95 Coverage Estimates, by Province, FY20 Q4-FY22 Q1



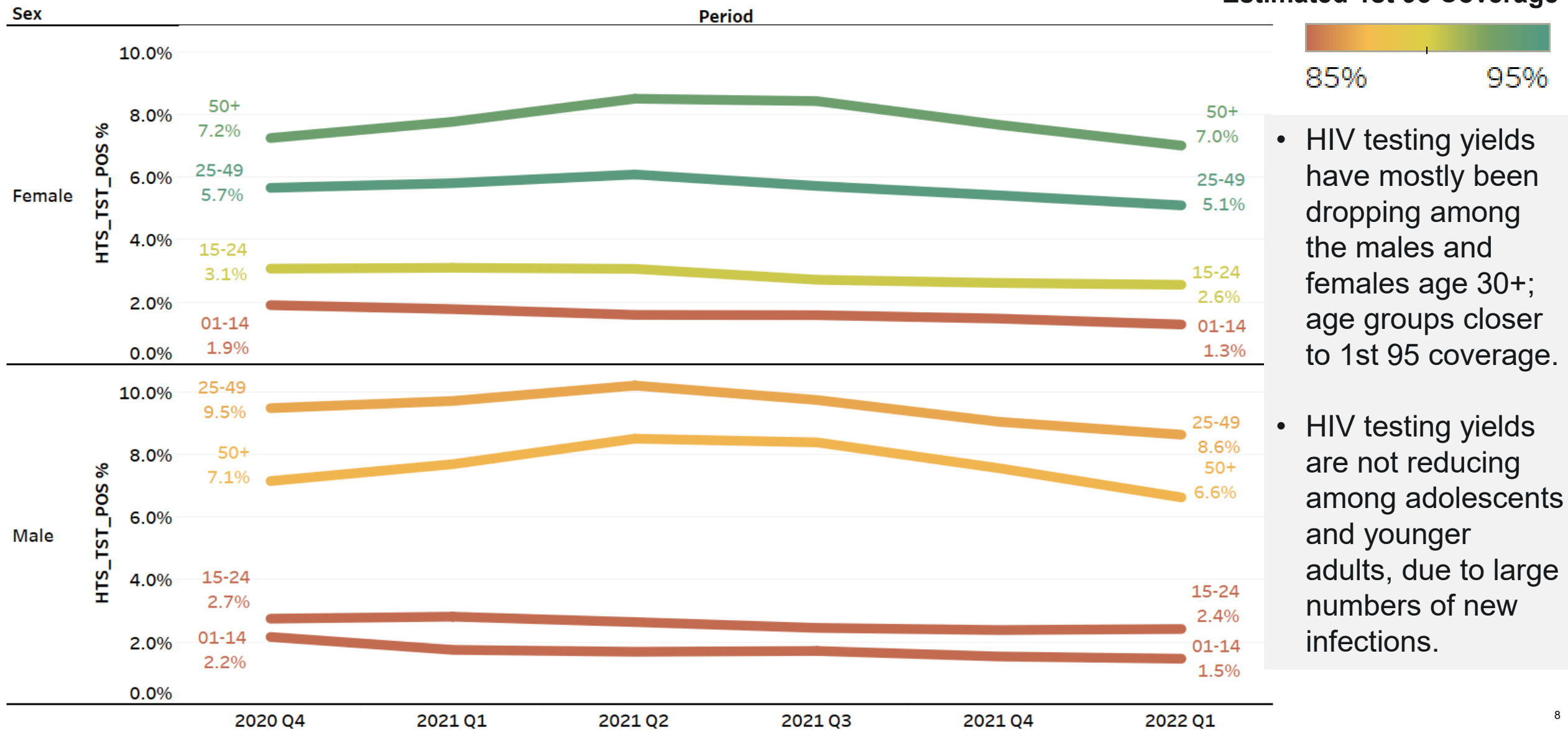
Estimated 1st 95 Coverage

85% 95%

- Overall HIV testing yields have been steadily dropping, as provinces approach 1st 95 coverage.
- HIV testing yields are lowest among those provinces with 1st 95 coverage currently >95% (green lines).

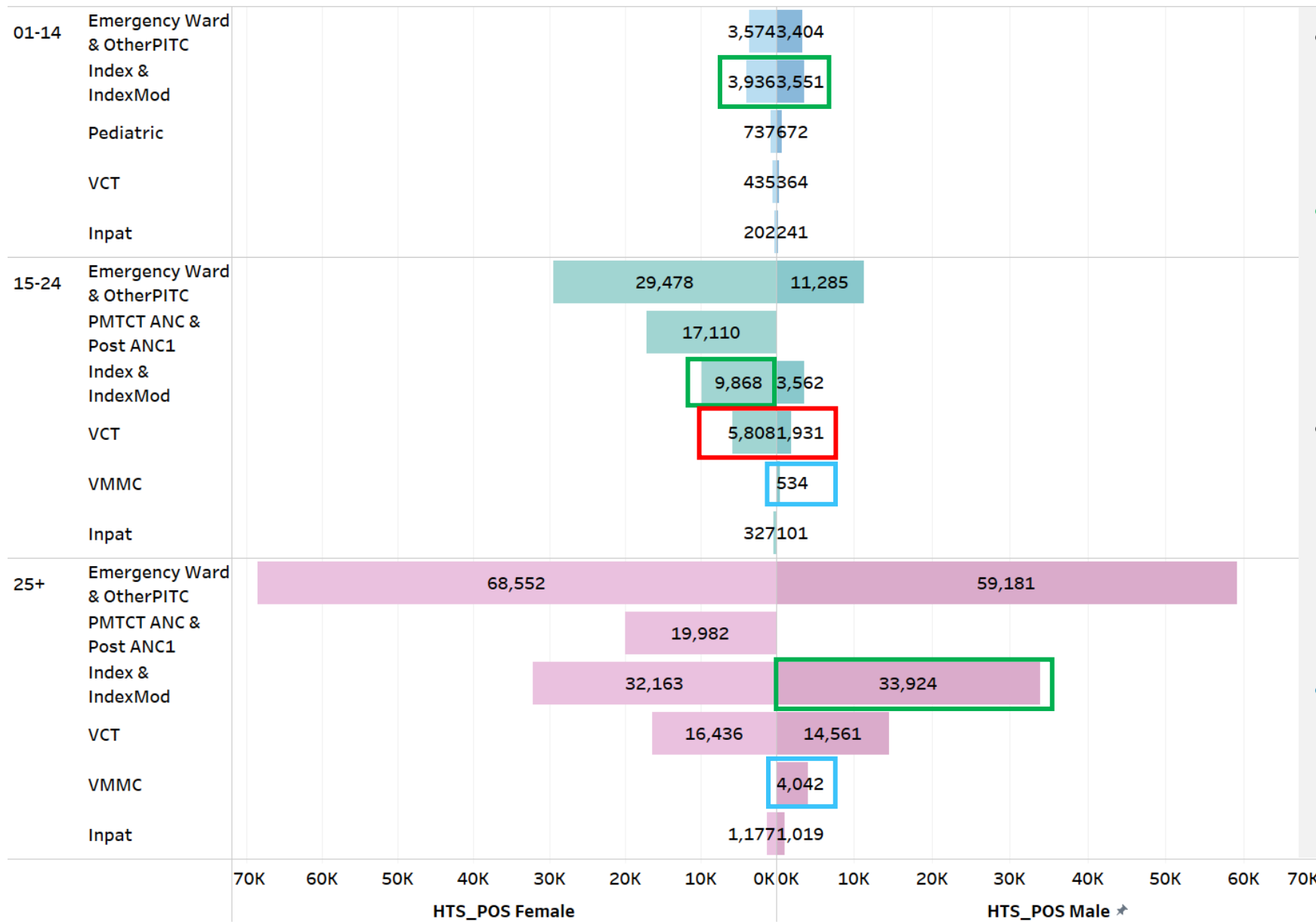
1st 95 Gaps Analysis: In What Age Groups Are We Not Closing The Gap?

HIV Testing Yield (All Modalities), With Color-Coded 1st 95 Coverage Estimates, by Sex & Age, FY20 Q4-FY22 Q1



1st 95 Gaps Analysis: What Modalities Are Identifying the Most Positives?

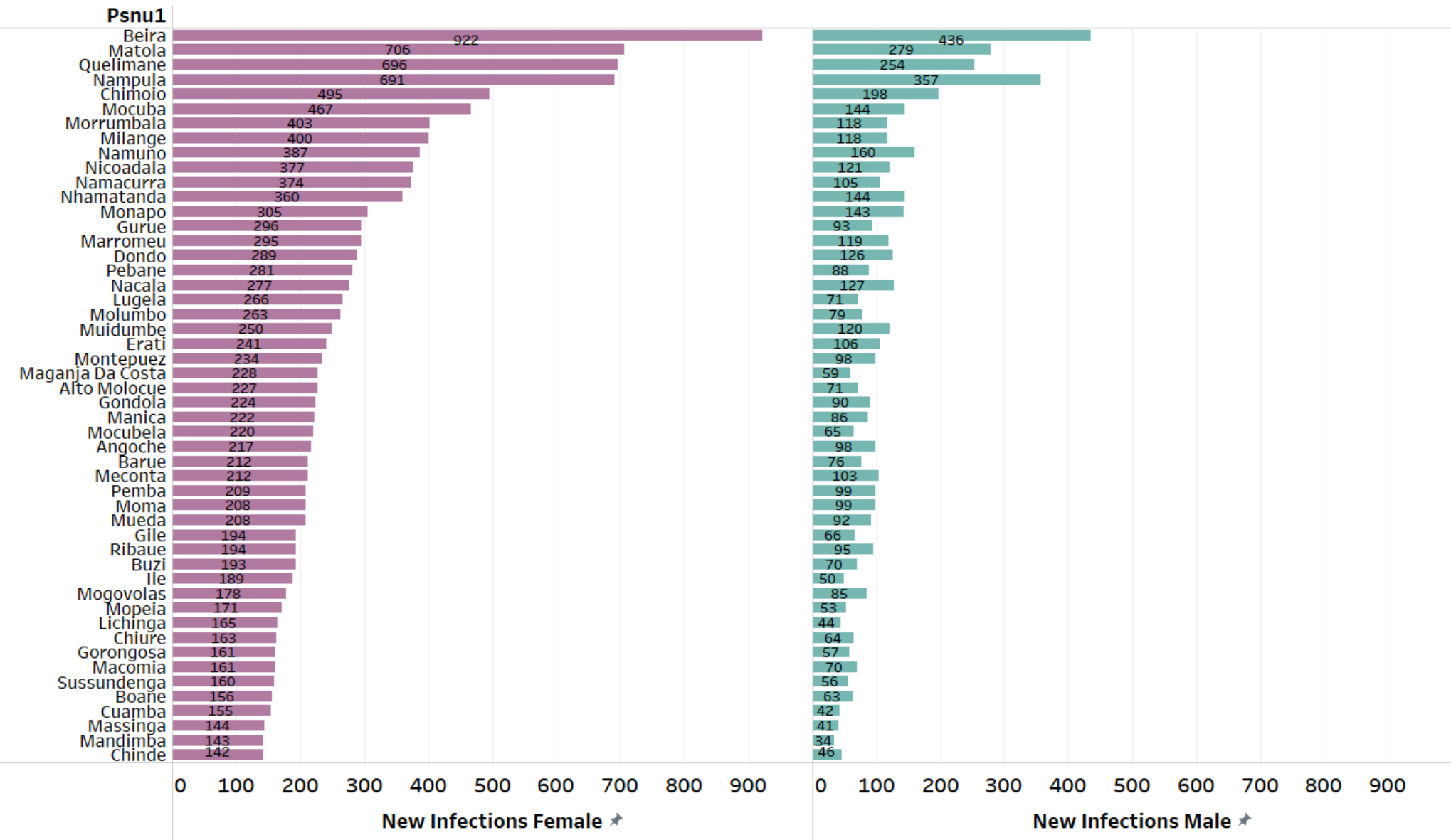
Number of New Positives Identified, by Modality & Age Group, FY21 Q1-FY22 Q1



- OtherPITC and Emergency identifying the most new positives; especially 25+.
- **Index case testing** identifying ~40% of all positives <15; more young females (15-24); and more older males (25+).
- **VCT** has been effective among young people 15-24; but not reaching as many young males (compared to provider-initiated modalities).
- **VMMC** identifying new positives, especially older males age 25+; but finding fewer younger males, age 15-24.

COP22: Differentiated Testing Strategies to Close 1st 95 Gaps

Top 50 Districts With Largest Estimated Numbers of New Infections Among 15-24 Year-Olds, by Sex.



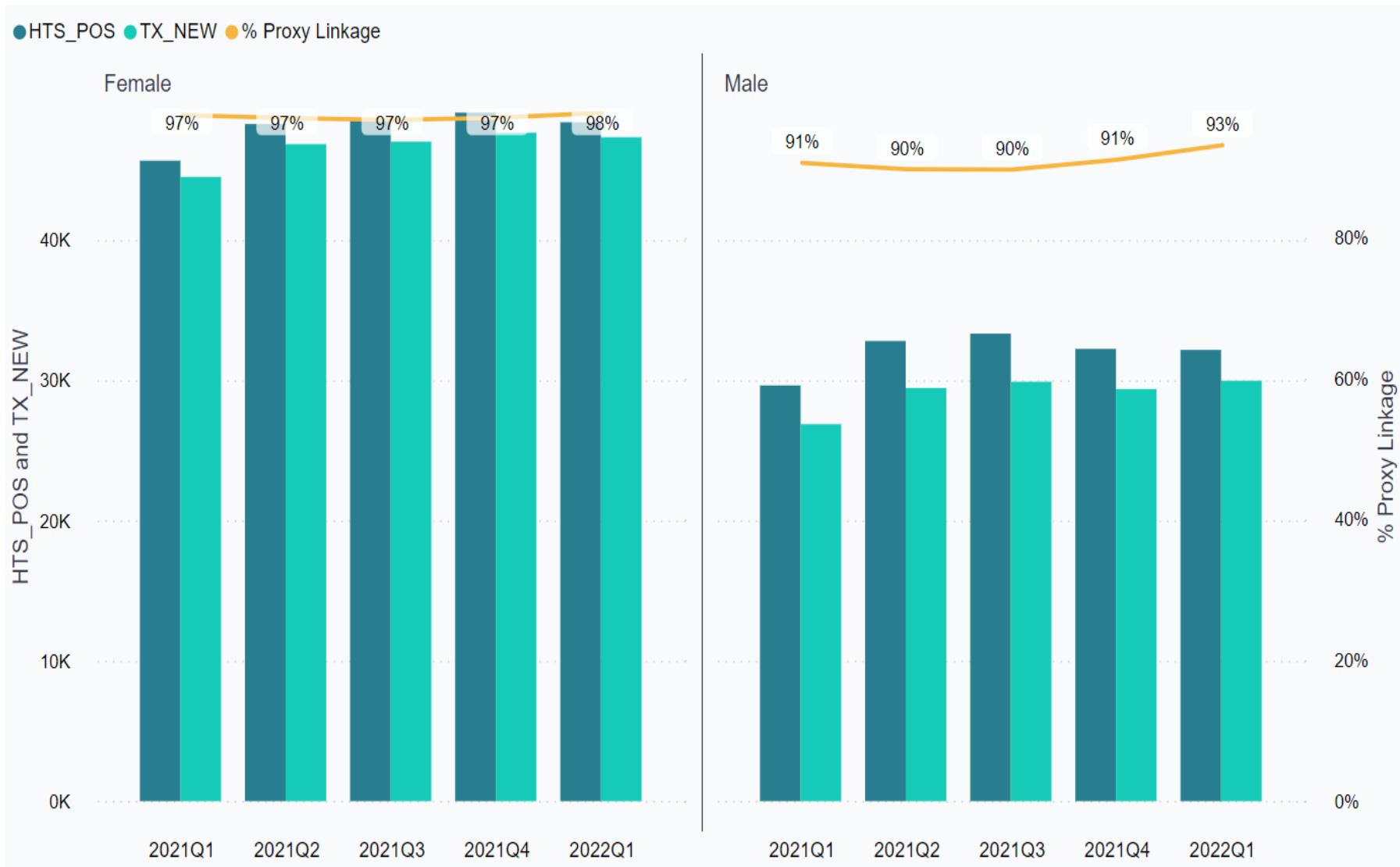
Sex

Female

Male

- Top 50 districts (out of 154) account for **69%** of all estimated new infections among 15-24 year-olds.
- For COP22, will shift 50% of VCT targets to Other Community to specifically reach more 15-24 year-olds outside of HF, within high-incidence districts

COP22: Need to Continue Strengthening Linkage to Close 2nd 95 Gaps



- Overall continued improvements in linkage in FY22 among women and men.
- Need to strengthen linkage among men and adolescent boys.

Specific Strategies for Finding & Linking **Young Men**



Photo Credit: UN/Ricardo Franco

- Male-sensitive ICT to reach more male partners of all ages
- Shifting VCT to targeted testing outside the health facility (e.g. in tertiary institutions)
- Expansion of self-test kit distribution
- Expand male congregate & workplace testing
- Reinforce client-focused linkage support for young men using updated national SOPs
- Strengthen linkage to PrEP for new negatives
- Strengthen linkages for VMMC clients
- Communication to improve treatment literacy and understanding of HIV diagnosis among young men

Expand Efforts to Find Youth Through Tailored Demand Creation Strategies



- Targeted youth-focused communication and demand creation strategies to improve HIV literacy and health-seeking behavior
- Health provider communication & training to ensure effective adolescent and youth-focused screening and HIV testing
- Optimize use of SAAJ and VCT in priority districts by leveraging existing partnerships with CBOs and FBOs with strong connections to adolescents & youth



Targeted Case Finding for KP & Other Priority Groups in High Coverage Areas

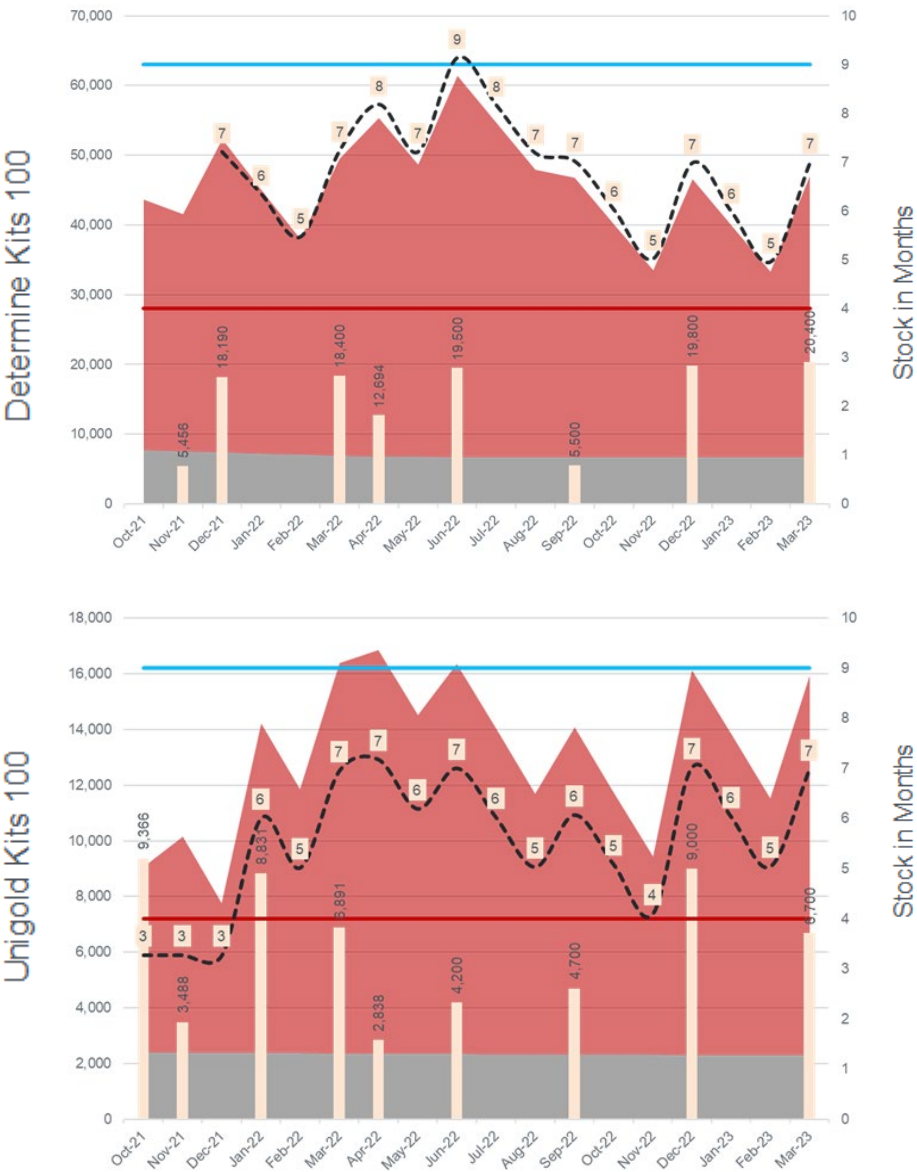


- Data-driven, site-level, micro-targeting in areas with higher 1st 95 & ART coverage; tailored case identification strategies
- Guided by case finding, and updated PHIA & IBBS results
- Differentiated modality mix based on 1st 95 & ART coverage:
 - Increased index testing among new & previously diagnosed PLHIV
 - Mobile outreach to reach high-incidence areas & high-risk populations (e.g. fishermen, military, seasonal workers, truck stops)
- Targeted expansion of community self-test kit distribution with linkage to ART, PrEP, VMMC, & other preventive services
- Focus linkage efforts according to demographic priorities

Status of Commodities: Determine and Unigold RTK Stock Projection

Determine and Unigold RTK stocks projected to be well within the ideal **max** and **minimum** months of stock needed through FY23Q2

- Monitoring of existing stocks, site level consumption, and orders planned to arrive are required to ensure adequate supply
- Orders balanced between PEPFAR and Global Fund up to December 2023
- Global Fund is updating the HPMT and RTKs are a priority to invest the current savings
- Risk - overuse of Unigold confirmatory test (distribution over 100% of justified consumption); Determine RTKs have a short shelf life





Obrigado!